INDEX OF AUTHORS

Page numbers in italics refer to contributions, the others to the reference list at the end of papers

Adkin, R., 149
Adlersberg, D., 351
Alberman, E., 452
Alderson, T., 325
Al-kaysi, S. N., *131*
Allard, R. W., 41, 196, 239, 437
Allee, W. C., 196
Allen, J. A., *361-372*, 371
Amaldi, F., 346
Anderson, E., 263
Anderson, P. K., 89
Andrews, P. W., *142*
Angus, J., *89-93*, 93
Annerstedt, I., 291
Antonovics, J., 308
Aoki, K., 315, 316
Arbuthnott, I., 277
Arlett, C. F., *449*
Arnold, R. W., 30
Arst, H. N., Jr., *137*, *452*
Arthur, A. E., 41
Ashburner, M., 325
Ashton, N. W., *135*
Ashworth, J. M., 423
Askonas, B. A., 41
Auerbach, C., 385
Awdeh, Z. L., 41
Ayala, F. J., 197
Ayonoadu, U., 407

Babbel, G. R., 239
Bailey, N. T. J., 41
Baker, C. M. A., 77, 101
Baker, H. G., 263
Baker, W. K., 325
Balal, M. S., 385
Ballantyne, G. H., 121
Bantock, C. R., 30, *409-412*, 412
Barber, H. N., 254
Barber, J. T., 416
Barnes, B. W., 93, 301
Barthelmess, I. B., *138*
Bartlett, M. S. (Ed.), *125-127*, 325
Bateman, A. J., 170, 263
Bateman, K. G., 385
Bauer, J., 316
Beardmore, J. A., *127-128* (Bk. rev.)
Beeh-Hansen, N. T., 419
Beddows, A. R., 291
Beiles, A., *265-278*
Bendell, J. F., 76, 78
Bennett, J. H., 239
Bentham, G., 254
Bergerud, A. T., 78
Beringer, J. E., *134*
Berry, R. J., 16, 89
Beukema, J. J., 371
Bhatia, C. R., 346
Binet, F. E., *106-108*
Birdsall, D. A., 77
Bishop, J. A., *450*
Bodmer, M. F., 77, 239, 277
Bonner, J. T., 423
Borrow, M., 278
Bowater, W., 149
Boyd, J. B., 346
Bradley, B., *293-302*
Bradshaw, A. D., 308, *450*
Breese, E. L., 228
Bretschneider, R., 150
Brewbaker, J. L., 283
Bridges, B. A., *447*, *448*
Briscoe, D. A., *102-106*
Britten, R. J., 346
Brody, T., 423
Brosseau, G. E., Jr., 325
Brown, A. H. D., 41
Brown, S. M., *133*
Bruell, J. H., 350
Brussard, P. F., *98-101*
Bucio Alanis, L., 59, 196
Bulfield, G., *143*
Bullen, M. R., 68
Buongiorno-Nadelli, M., 346
Burkill, J. H., 255, 263
Burns, J. A., *138*
Burt, C., 86
Butler, C. G., 255, 256, 263
Byrne, O. R., 371

Cain, A. J., 30, 101, 105, 106, 317, 412
Cain, K. J., 419
Caligari, P. D. S., *43-59*
Cameron, D. G., 77
Cameron, R. A. D., 30, 106
Campbell, B. (Ed.), *124-125*
Canham, R. P., 77
Cannon, F. C., *133*
Capanna, E., *442-444*
Carlson, J. H., 401
Carson, H. L., 30
Carter, M. A., 30, 371
Catchside, D. G., 121
Cavalli, L. L., 215

Cavalli-Sforza, L. L., 77, 239, 277
Ceppelini, R., 239
Chance, M. R. A., *124-125* (Bk. rev.)
Charlesworth, B., 239
Charlesworth, D., 239
Chater, K. F., *133*
Chen, T. Y., 385
Chiarelli, A. B., *442-444*
Chigusa, S. I., 239
Cho, W. K., 278
Chovnick, A., 121
Christian, C. S., 197
Church, Kathleen, *151-158*
Clapham, A. R., 41
Clarke, B., *102-106*, 106, *129-130*, 371, 372
Clarke, B. C., 30, 371
Clarke, C. A., 150
Clarke, C. H., *131*
Clarke, P. H., *129*
Clayton, G. A., 385
Clegg, M. T., 239
Cliquet, R. L., 86
Cochran, W. G., 59, 228
Cock, A. G., 215, 216
Cockayne, E. A., 150
Coddington, A., *141*
Cohen, J., 428
Collins, J. L., 291
Connolly, V., 108
Cook, L. M., 371, *450*
Cooke, R. G., 111
Cooper, D. W., 30
Cove, D. J., *135*
Crawford-Sidebotham, J. T., 93
Creed, E. R., 150, 255
Cronquist, A., 255
Crosby, J. L., *125-127* (Bk. rev.)
Crow, I. F., 277
Crowe, L. K., 283, 291
Croze, H. T., 371
Cullis, C. A., 346
Cummins, J. E., *455*
Curnow, R. N., 301
Currey, J. D., 30, 106, 412
Curry, V., 326
Curtis, C. F., *445*
Curtiss, C. F., *138*
Czapik, R., 255

Daday, H., 108
Darlington, C. D., 157, 407
Darwin, C., 16, 41
Davidson, B., 228
Davies, D. R., 283
Davies, P. J., *447*
Davies, R. W., 385
Davis, J. W. F., *1-16*
Davis, P. E., 16
Dawkins, M., 371
Dawkins, R., 372
Dawson, R. S., 197
Day, A. W., *455*
Day, P. R., 121
Delbrück, M., 419
Den Boer, M. H., 371
De Wildeman, E., 255
De Wit, C. T., 197
Dickerson, G. E., 197
Dickinson, A. G., 308
Dickson, E., 346
Dixon, R. A., *134*
Dobzhansky, T., 77, 337
Donald, C. M., 197
Doncaster, L., 150
Dorn, H. F., 277
Doubleday, O., *448*
Dowdeswell, W. H., 255
Druce, G. C., 255
Dübendorfer, A., *138*
Dudley, F., 216
Dun, R. B., 385
Durand, Th., 255
Durrant, A. 346, *444* (Bk. rev.)

Eapen, K. J., 350
East, E. M., 291
Eaves, J. L., 41
Eberhart, S. A., 228
Edwards, A. W. F., 16, 86, 277
Edwards, K. J. R., 386
Eisenhart, C., 228
Eisikowitch, D., 263
Elandt-Johnson, R. C., 239
Elliot, P. W., 76
El-Masry, Adel, *142*
Elton, R. A., 31
Emerson, S. 170
Emme, H., 407
Ephrussi, B., 325
Erickson, J., 428
Eshel, I., 277
Estep, G. D., 351
Evans, G. M., 346
Evans, H. J., *452*
Evans, W. E., *447*
Eyfjord, J., *447*

Falconer, D. S., 108, 301, 351, 386, 401
Fanguy, R. C., 351
Farr, A. L., 416
Federer, W. T., 196
Felsenstein, J., *444*
Ferguson, T. M., 351
Fernald, M. L., 255
Fincham, J. R. S., 111, 112, 115, *116-121*, 121, *123*, (Bk. rev.)
Finlay, D. E., 386
Finlay, K. W., 228
Fiori, A., 255
Fisher, R. A., 86, 277, 371, 386
Flavell, R. B., *131*, 346

Flint, H. J., *137-138*
Flury, F., 419
Fogel, S., 121
Ford, C. E., *130*
Ford, E. B., 150, 255, *441-442*
Ford, H. D., 255
Fowler, G. L., 428
Frank, P., 196
Franklin, I. R., 239
Franton, C., 255
Fraser, A. S., 385, 386
Fraser, B. D., 337
Fraser Roberts, J. A., *123-124*
Fredga, K., 101
Free, J. B., 255, 263
Freed, S. C., 316
Freeman, G. H., 59, 196
Friedman, M., 316
Frohlich, E. D., 316
Fryxell, P. A., 291
Fujino, K., 77
Fulker, D. W., 86
Furata, Y., 68
Futuyma, D. J., 196
Fyfe, J. L., 41

Gadella, T. W. J., 255
Gaines, M. S., 77
Gale, J. S., *33-41*, 41, 301
Galil, J., 263
Garcia-Bellido, A., 386, 401
Garrison, G. E., 316
Garrod, D., 423
Gartside, D. W., *303-308*, *446*
Geiger, R., 255
Geissman, T. A., 112
Gentry, J. B., 101
Gersh, E. S., 325
Gibb, J. A., 371
Gibson, J. B., 86, *293-302*, 337, 436, 437
Gilbert, R. I., 112
Gillespie, J., 239
Gilmour, D. G., 216
Gingold, E. B., *419-423*
Gleason, H. A., 255
Gleghorn, T. E., 239
Goldschmidt, R., 401
Goode, W. I., 277
Goodhart, C. B., 31
Gopalan, C., 277
Goswami, O. B., 350
Gottlieb, D. J. C., 419
Grant, V., 41, 291
Grassia, A., 108
Gray, S. G., 197
Graziosi, G., *141*
Green, E. L., 316
Green, F., 337
Green, M. H. L., *446*, *447*, *448*
Green, M. M., 437
Greenberg, B., 196
Greenwood, J. J. D., *17-31*, 31, 371
Greisebach, H., 112
Grell, E. H., 326, 386, 401, 436
Grüneberg, H. G., 89
Guerrucci-Henrion, M. A., 31
Gunatilleke, I. A. U. N., *452*
Gurdon, J. B., 346

Hagerup, O., 263
Hague, A., 407
Hahnemann, N., 277
Hal, J. G. Van, 416
Haldane, J. B. S., 325, 371
Hames, G. C., 316
Hamilton, M. G., 316
Hamilton, W. D., 278
Hannah, A., 326
Harborne, J. B., 112
Harcourt, S. A., *449*
Hardwick, R. C., 59
Harlan, J. R., 291
Harney, P. M., 360
Harper, J. L., 41, 196
Harris, H., 77
Harrison, B. J., *108-112*, 111, *112-115*, 115
Hartmann-Goldstein, I. J., *317-326*
Haruta, T., 171
Haskell, G., 386
Hay, D. A., 93
Hayata, I., 278
Hayman, B. I., 216, 308
Hayman, D. L., 291
Haynes, H. F., 111
Hayward, M. D., 291
Heape, W., 278
Hebert, P. D. N., *327-337*, 337
Hector, J., 407
Heikens, H. S., 371
Heinrich, B., 263
Hepher, B., 196
Heslop-Harrison, J., 283
Heslop-Harrison, Y., 283
Hess, O., 326
Hewitt, G. M., 157
Hickling, C., 196
High Wycombe Terminal Forecast Facility, 255
Hilborn, R., *87-89*
Hill, J., 59
Hill, W. G., *229-239*, 239
Hillel, J., *173-180*, 180
Hillman, R., 386
Hiorns, R. W., *125-127*
Holliday, R., 121
Holm, D. G., 121
Horwood, A. R., 255
Hossain, M. Gul, *455*
House, V. L., 386, 401
Howlett, B., 283
Hubby, J. L., 77, 78
Hughes-Schrader, S., 428

Hultén, E., 255
Humphreys, M. O., *33-41*
Hunt, W. G., 78
Hurst, D. D., 121
Hutt, F. B., 216

Ibrahim, M. A. K., *141*
Ikeuchi, T., 278
Imai, Y., 351
Imber, D., 180
Ingle, J., *339-346*, 346
Israel's Central Bureau of Statistics, 278

Jackson, R. C., 157
Jackson, W. D., 254
Jain, S. K., 308, 407
Jameson, D. L., 372
Jayakar, S. D., 371
Jayant, K., 301
Jensen, N. F., 196
Jinks, J. L., 59, 86, 108, 197, 216, 228, 308, 437
John, B., 157
Johnson, A. G., 171
Johnson, W. E., 101
Jones, J. S., *102-106*, 106
Jones, N. R., 157
Jones, R. M., 59, 216
Jones, R. N., 180, *440-441* (Bk. rev.)

Kacser, H., *137-138*, 138, 143
Kahler, A. L., 239
Kang, T., 77
Kang, Y. S., 278
Karn, M. N., 301
Katz, E. R., 423
Kaufman, D. W., 101
Kayano, H., 180
Kearsey, M. J., 301, *439-440* (Bk. rev.)
Keller, B. L., 77
Keller, C. A., 278
Keller, R., 256
Kendall, M. G., 93
Kempton, R. A., *79-86*, 86
Kerster, H. W., 263
Kessin, R. H., 423
Kimber, G. (Ed.), *123*
Kimura, M., 77, 97, 277
King, C. E., 337
King, J. M. B., 101, 106
Kirby, G. C., *93-97*
Kirpichnikov, V., 196
Kitani, Y., *454*
Kliphuis, E., 255
Knight, G. R., 385
Knox, R. B., 283
Knuth, P., 263
Koehn, R. K., 77
Kohne, D. E., 346
Kohno, S-I., 278
Kojima, K., 239
Koul, A. K., 157
Krakauer, J., 77
Krebs, C. J., 77, 78, 97
Krimbas, C. B., 239

Lahman, M., 197
Laird, C. D., 346
Lalouette, J. A., 291
Lamotte, M., 31, 412
Lange, J., 256
Lasley, C. E., 351
Latter, B. D. H., 301
Latyszewski, M., 108
Lava-Sanchez, P. A., 346
Law, C. N., 436
Lawrence, M. J., 41
Lee, B. T. O., 386
Lees, D. R., *145-150*, 150
Lerner, I. M., 436
Leslie, P. H., 197
Leung, E. S., *416-419*
Levan, A., 407
Levan, G., 101
Levene, H., 77
Levin, D. A., 263
Levius, R., 197
Lewis, D., 283, 291
Lewis, E. B., 157, 326
Lewis, H., 292
Lewitsky, C. A., 407
Lewontin, R. C., 77, 78, 197, 239, 302, 337
Li, C. C., 97, 371
Li, Ning, 157
Lidicker, W. Z., Jr., 89
Lima de Faria, A., 407
Lindsley, D. L., 326, 386, 401, 436
Lischner, H., 112
Lockwood, J. G., 255
Loomis, W. F., 423
Louis, W. J., 316
Lövkvist, B., 255
Lowry, O. H., 416
Lucchesi, J. C., 157
Lundquist, A., 291, 292
Luria, S. E., 419
Lus, J. J., 150
Lush, I. E., 77, *144*
Lyon, M. F., 157, *451*

Macarthur, J. W., 337
McCracken, G. F., *98-101*
McDonald, A. E., *445*
MacDonald, D. W., *137*
McDonough, J. R., 316
McGilchrist, C. A., 197
McKusick, V. A., 316
McLeish, J. L., 68
McMillan, I., 436

McNaughton, I. H., 41
McNeilly, T., *303-308*, 308, *446*
McWhirter, K. G., 255
Magnuson, J. J., 197
Makino, S., 428
Manly, F. J., 371
Mann, G. V., 351
Mann, H. B., 31
Manwell, C., 77, 101
Marchi, P., 408
Martinelli, S. D., *136*
Maruyama, T., 77
Mather, K., *43-59*, 93, 197, 216, 308, 386, *428-429*, 436, 437
Matsumura, H., 351
Matsuo, Y., 197
Maynard-Smith, J., 86, *130*, 386, 401
Mayr, E., 86
Medcalf, A. S. C., *446*
Mendelson, D., 180
Meredith, R., 428
Merker, A., 407
Merritt, R. B., 77
Mertz, D. B., 197
Meteorological Office, 255
Mettler, L. E., 239
Michaelis, A., 437
Mikamo, K., 278
Miksche, J. P., 68
Milkman, R., 386, 437
Milkman, R. D., 386, 437
Miller, L., 346
Miller, P., 371
Mitchell, D. J., *132*
Mitchell, I de G., 446
Mitra, R., 346
Mitton, J. B., 77
Mittwoch, U., 68, *123-124* (Bk. rev.)
Miyamoto, S., 263
Moav, R., *181-202*, 197
Mogford, D. J., *241-256*, 255, *257-263*, 263
Mohan, J., 346
Mohler, J. D., 386, 437
Moment, G. B., 371
Mook, J. H., 371
Mook, L. K., 371
Moore, D. M., 292
Moore, K., *455*
Moore, P. D., *136*
Moore, R. J., 255
Morata, G., *139*
Morgan, D. H., *133*
Morgan, T. H., 326
Mori, M., 278
Morris, J. A., 385
Morris, J. N., 316
Morrison, S. L., 316
Mortimer, R. K., 121
Morton, J. R., *203-216*, 216
Mukai, T., 239
Müller, H., 263
Munsell Book of Colour, 371
Muntzing, A., 180
Murdoch, W. W., 371
Murray, B. G., *285-292*
Murray, J. J., 30
Murray, N. E., 121
Murton, R. K., 37
Myers, J. H., 77

Nadamuni, N. A., 277
Nakao, M., 407
Nasrallah, M. E., 416
Natarajan, A. T., 283, 407
Neel, J. V., 77
Newell, P. C., 423
Nicolas D. B., 346
Nikolaieva, A. G., 407
Nishikawa, K., 68
Noble, K., 30, 412
Noel, C. W. F., 255
Nørby, S., *140*
Norrington-Davies, J., 197
Norris, M. J., 428
Nur, U., 157

Obara, Y., 278
Ockendon, D. J., *159-171*, 171
O'Donald, P., *1-16*, 16, 371
Ogilvie, P. W., 371
Ohta, T., 77
Okamoto, K., 316
Oliver, S. G., *132*
Onslow, H., 150
Ooshima, A., 316
O'Riordan, M. L., *452*
Owen, D. F., 371
Oxford, G. S., 101

Pai, R. A., 68
Pandey, K. K., 171, *279-284*, 283, 28 437
Park, T., 197
Parker, G. A., 428
Parkin, D. T., 30, 106
Parry, J. M., *447*
Parsons, P. A., 31, 86, 386
Pathak, G. N., 407
Pavlosky, O., 337
Peacock, W. J., 428
Peak, J. W., 108
Pearson, G. G., 346
Pease, M., 216
Pederson, D. G., *217-228*
Pfeffer, J. M., 316
Pfeffer, M. A., 316
Penrose, L. S., 301
Perez, J. E., 77
Perkins, J. M., 59, 196, 197, 216, 228
Perring, F. (Ed.), 255
Peterson, R. L., 360

Pickering, G. W., 316
Pielon, E. C., 255
Pillai, S. K., 350
Pilsbry, H. A., 101
Pinthus, M. J., 228
Platt, R., 316
Poddubnaja, V., 255
Poon, N. H., *455*
Popham, E. J., 371
Poulton, E. B., 371
Prakash, S., 78, 239
Pritchard, D. J., *143-144*
Pritchard, R. H., 121
Proctor, M., 263
Prout, T., 78, 301
Pryor, L. D., 283
Purdom, C. E., 451

Quah, S-K., 419
Quenoille, M. H., 106

Rabinowitch, V. E., 372
Rana, M. S., 41
Randall, R. J., 416
Rank, G. H., 419
Raper, K., 423
Rasmussen, D. I., 77
Ratsey, S., 412
Rau, P., 255
Redei, G. P. (Ed.), *123*
Redfern, M., 106
Redfield, J. A., *69-78*, 77, 78
Redgrave, T. G., 351
Rees, H., *61-68*, 157, 180, 346, 407, 408
Reeve, E. C. R., 301
Reighard, J., 372
Rendel, J. M., *106-108*, 302, 386, 437
Resnik, L. E., 372
Richards, B. M., 68
Richards, C. M., 197
Richardson, A. M. M., 412
Rieger, R., 437
Ris, H., 428
Ritchie, D. A., *133*
Roberts, D. B., *140*, *142*
Roberts, D. C. K., *347-351*, 351
Roberts, J. A. F., 316
Roberts, R. C., 93
Robertson, A., 197, 239, 302, 385, 436
Robertson, F. W., *142*, 301
Roeder, H., *309-316*
Rogers, S., 41
Rohlf, F. J., 412
Rohweder, H., 255
Romanis, Z., 360
Rose, R. W., 386
Rose, S. M., 197
Rosebrough, N. J., 416
Rosenthal, G. M., 196
Ross, I. K., 423
Rouy, G., 255
Roy, S. K., 197
Royama, T., 372
Russel, W. T., 278
Russell, W. A., 228

Sagawa, Y., 292
Sager, R., 360
Sakai, K. I., 197
Sakamura, T., 407
Salter, J. H., 255
Sameta, K. P. V., 197
Sampaio, G., 255
Sampson, D. R., 171, 292
Sang, J. H., *138*, 386
Sarma, N. P., 407
Sasaki, M., 278
Savo, R. M., 416
Scazzocchio, C., *137*, *452*
Schaap, T., 180
Schaeffer, E. W., 437
Schaeffer, L. E., 351
Schaeperclaus, W., 197
Scharloo, W., 302, 386, 401
Schinz, H., 256
Schiøtz, A., 372
Schlager, G., 316
Schull, W. J., 278
Schultz, J., 326
Scott-Moncrieff, R., 112
Searle, A. G., 89
Sedgley, Margaret, 412-416
Selander, R. K., 78, 101
Shafer, S. J., 386
Shaw, D. D., 157
Sheldon, B. L., 386
Shelubski, M., 197
Sheppard, P. M., 30, 31, 101, 106, *130*, 150, 371, *440-441*
Shields, G., *138*
Shire, J. G. M., 437
Simchen, G., *173-180*, 180
Simpson, E. H., 31
Sims, P., *140-141*
Sinclair, J., 346
Sing, C. F., 239
Sing, M., 302
Sinha, V., 423
Siniscalco, M., 239
Sinnock, P., 239
Sjoerdsma, A., 316
Slobodkin, L. B., 337
Small, J., 263
Smith, B. R., 121
Smith, C. A. B., 239
Smith, D. A. S., 372
Smith, D. B., *131*
Smith, J. B., 351
Smith, J. N. M., 372
Smith, M. H., 101
Smyth, D. R., 121

Smythe, R., 453
Snaydon, R. W., *450*
Snow, D. W., 372
Snyder, L. A., 292
Soan, I. D., 372
Sobey, W. R., 108
Sokal, R. R., 337, 412
Somers, J. M., *132*
Sondhi, K. C., 386, 401
Sonleitner, F. J., 337
Southern, D. I., 157
Sowry, G. S. C., 316
Sparrow, J. C., *142*
Spector, S., 316
Spickett, S. G., 86, 386, 401, 437
Spofford, J. B., 325
Stacey, K. A., *140-141*
Stebbins, G. L., 292
Steel, R. G. D., 78
Steffenson, D. M., 158
Steinberg, A. G., 351
Steinberg, C. M., 419
Stern, C., 278, 401, 437
Stevens, S. W., *446*
Stevenson, A. C., 278
Stewart, J., 437
Stickland, R. G., *108-112*, *112-115*, 115
Stino, 108
Stolze, K., 407
Stuart, M. A., 93
Studier, F. W., 346
Stufflebean, C. E., 351
Subak-Sharpe, J. H., *133*
Sunderland, N., 68
Suneson, C. A., 197
Sussman, M., 423
Sussman, R. R., 423
Suzuki, D. T., 157
Suzuki, Y., 316
Swaminathan, M. S., 68
Swedberg, G. S., 386, 437
Sybenga, J., 408

Tabai, R., 316
Takeda, T., 316
Tal, S., 197
Tamarin, R. H., 77, 78, 97
Tanase, H., 316
Tardof, K. D., 346
Taylor, B., *444*
Taylor, J. B., 416
Taylor, J. P., 171
Taylor, J. W., 106
Thoday, J. M., 86, 302, 286, 387, 401, *430-437*, 436, 437
Thompson, J. N., Jr., *373-387*, 386, 387, *389-401*, 401, *430-437*, 437
Thompson, K. F., 171, 416
Thomson, A. J., 228
Tilney-Bassett, R. A. E., *353-360*, 360
Timmis, J. N., *339-346*, 346
Tinbergen, L., 372
Tischler, G., 256
Tobari, Y. N., 239
Torrie, J. H., 78
Trenbath, B. R., 197
Tsai, A. H., 360
Tsunoda, S., 68
Turnbull, D., *448*
Turner, E. R. A., 372
Turner, J. R. G., 239
Tutin, T. G., 41
Tzen, J. C., *132*

Upshall, A., *445*

Vanderlyn, L., 158
Van der Veen, J. H., 216
Van Emden, F. I., 412
Vasek, F. C., 41
Verhoeven, W., 416
Verma, S. C., *61-68*, 408
Vexkull, J. von, 372
Vines, A., 59
Visaria, P. M., 278
Von Borstel, R. C., 419
Von Frisch, K., 41
Vosa, C. G., *403-408*, 408

Waddington, C. H., 108, 387, 401
Walker, P. M. B., 68
Wall, E. T., 283
Wallace, B., 78, 401
Wallace, D. H., 416
Wallace, H., *423-429*, *441-442* (Bk. rev.), *442-444* (Bk. rev.)
Walters, M. R., 68
Warburg, E. F., 41
Ward, R. D., 337
Wargent, J. M., *317-326*, 326
Warn, R. M., *141*
Washburn, 108
Watts, D. J., 423
Watts, L. E., 171
Webster, T. P., 239
Wedd, N. S., *1-16*
Wehrhahn, C., 437
Weibust, R. S., 351
Weiss, G. H., 97
Wells, R., 346
West, C. E., *347-351*, 351
Westerman, M., 158
Whitehouse, H. L. K., *127-128*, *453*, *454*
Whitney, D. R., 31
Whittle, J. R. S., *139*
Wickbom, T., 428
Wickramaratne, M. R. T., *453*
Wilkinson, G. N., 228
Willard, P. W., *309-316*
Williams, H. B., 150

Williams, K. L., 423
Williams, W., 171
Williamson, A. R., 41
Williamson, K., 16
Williamson, M., 97
Willing, R. R., 283
Willis, J. C., 255, 263
Willkomm, M., 256
Wilson, E. O., 337
Wilson, G. F., 263
Wimber, D. E., 158
Wohlfarth, G. W., *181-202*, 197
Wolda, H., 101
Wolstenholme, D. R., 437
Wolters, A. H. G., 408
Wood, J. T., 59
Wood, R. J., *449*
Workman, P. L., 385
Wright, A. J., 228, 291
Wright, S., 171, 302, 316, 372
Yamaguchi, Y., 68
Yamori, Y., 316
Yang, 78
Yang, S. V., 101
Yashouv, A., 197
Yates, F., 59, 228, 371, 386
Yen, T. T., *309-316*
Yeo, P., 263
Yu, Pao-Lo, *309-316*
Yu-Sun, C. C., *453*

Zak, B., 351
Zarchi, Y., *173-180*, 180
Zimmering, S., 428
Zlatkis, A., 351
Zohary, D., 180
Zouros, E., 239
Zwickel, F. C., 78

INDEX OF SPECIES

Page numbers in italics refer to the main subjects of papers

Acyrthosiphon pisum, 337
Adalia bipunctata, 149
Aedes aegypti, *445*
Agrostis tenuis, *303-308*, *446*
Ananas comosus, 290
Anthoxanthum odoratum, 303, *446*, *451*
Antirrhinum majus, *108-112*, *112-115*
nutallianum, 111
Arctic Skua, *1-13*
Arctocorisa distincta, 362
Arianta arbustorum, 21, 102
Ascobolus, *454*
Aspergillus nidulans, *136*, *137*, *445*, *452*
Atherina laticeps, 362
Avenae spp., 61

Barley, *131*
Beef cattle, 350
Biston betularia, 145, 146, 149
Blue Grouse, *69-78*
Bombus agrorum, 261
lapidarius, 261
pratorum, 261
Brassicae, *61-68*
campestris, *61-68*
carinata, *61-68*
juncea, *61-68*
napus, *61-68*
nigra, *61-68*
obracea, *61-68*
oleracea, *159-171*, *412-416*
Briza (genus), *285-292*
australis, 286
bidentata, 286-288
elatior, 286, 290
lilloi, 286-287
lindmanii, 286-288
macrostachya, 286-288
maxima, 286-288
media, 286-290
minor, 286
poaemorpha, 286, 287
rufa, 286-288
stricta, 286
subaristata, 286
triloba, 286
uniolae, 286-288
Brussels sprouts, *159-171*

Camula pellucida, *151-158*
Carp, *181-202*
Cepaea hortensis, *17-31*, 102, 361
Cepaea nemoralis, *17-31*, *98-101*, 102, 361, *409-412*
Chaoborus, 328
Chicken, *203-216*
Chinese Hamster, *448-449*, 449
Chlamydomonas, 123, 358
Chorthippus, 155
Cibolacris parviceps, 156
Cirsium palustre, *241-256*, *257-263*
alba, 242
albiflora, 242
ferox Dr, 242
spinosissimum, 242
Coprinus lagopus, *453*
Corvus corone, 370

Daphnia magna, *327-337*
obtusa, 328
Dendragapus obscurus, *69-78*
Dictyostelium discoideum, *419-423*
Drosophila, 29, 51, 84, *89-93*, 117, 139, 140, 141, 142, 193, 229, 345, *373-387*, *389-401*, 439, 440, 441
hydei, 342
melanogaster, 49, 50, 55, *89-93*, 106, 130, *138-139*, *139*, *140*, *142*, 156, 229, *293-302*, *317-326*, 374, 385, 389, 425, 430, 434
subobscura, 399

Ebilobium spp., 20
Escherichia coli, *134*, *135*, *446*, *447*, *448*
K12, *140-141*
Euchlanis dilatata, 337
Exocarpus cupressiformis, 109

Flax, *339-346*

Haplopappus spinulasus, 155
Herpes simplex, 133
Helix aspersa, 21
Hordeum vulgare, 407
Humans, see Man
Hygromia striolata, *102-106*

Iberis amara, 169

Katsuwonus pelamis, 69
Klebsiella aerogenes, 421
pneumoniae, 134-135

Lillium callosum, 179
Lilliumpilongi orum, 290
Locusta, 426
Lolium perenne, 290
Latianus griseus, 362

Man, *265-278*, 350, *452*
Maniola jurtina, 252
Medicago sativa, 106
Melanoplus femur-rubrum, 154, 157
Melitaea aurinia, 253
Micrococcus lysodeikticus, 340, 341
Microtus californicus, *87-89*
ochrogaster, 70
pennsylvanicus, 70
Mosquitoes, *445*
Mus musculus, 87, *143-144*, *144*, 350

Neurospora crassa, *116-121*, 137-138, 138
Nicotiana spp., *279-284*
alata, *280*
forgetiana, 280-282
glauca, 280-282
langsdorffii, 280-282
nistica, 43, 44, 50, 51

Oats, *131*
Oenothera organensis, 169

Papaver dubium, *33-41*
rhoeas, 111
Parus spp., 362
Pelargonium, *353-360*
Penicillium stoloniferum, *133*
Peromyscus maniculatus, 70
Phigalia pilosaria, *145-150*
Physcomitrella patens, 135
Polia nebulosa, 145
Pseudomonas aeruginosa, 129, 134
Pseudotsuga menziesii, 71

Quercus spp., 20

Rabbit, *347-351*
Raphanus raphanistrum, 169
Rat, *309-316*, 350
Rhizobium japonicum, *133-134*
Rye, *403-408*

Saccharomyces cerevisiae, *132*, *446*, *455*
Salix spp., 145
Salmonella typhimurium, *446*
Scardinius erythophthalmus, 362
Schistocerca, 428
Schizosaccharomyces pombe, *141*
Secale cereale, *403-408*
Sordaria brevicollis, *453-454*
fimicola, 454
Stauroderus, 155
Steatococcus tuberculatus, 425
Sturnus vulgaris, 370

Tradescantia paludosa, 290
Tribolium, 193
Trifolium pratense, 169
Triticale, 407
Triticum spp., 407
aestivum, *131*
speltoides, *173-180*
Turdus philomelos, 369

Urtica spp., 20
Ustilago maydis, *136*
violacea, 455

Wheat, *131*

Xenopus leavis, 345

INDEX OF SUBJECTS

All page numbers are in italics

activity level, in *Drosophila*, *89-93*
age at marriage and population growth, interactions between, in relation to sex ratio in humans, *265-278*
allosteric repression, *138*
alpha-methyl dopa, use of, to select for mutants in *Drosophila*, *142*
Amazonian forest refuges, *130*
antigens of *Drosophila*, *140*
apostatic selection in passerine birds, *361-372*
arginine, channelling of, in *Neurospora*, *137*
  de-repression of enzymes of, *138*

biosynthesis, induced, in *Anterrhinum*, *108-112*
body conformation and egg weight in chickens, control of, *203-216*
breeding systems in *Briza*, *285-292*

carbenicillin resistance, transposition of, in *E. coli*, *134*
catabolic pathways, evolution of, *129*
cell size in *Drosophila* wing, *142*
cereal chromosomes, evolution of, *131*
chemical mutagens in environment, effect of, on human lymphocytes, *452*
chiasmata, no effect of, on fertility, *423-429*
chromosome associations, non-homologous, effect on, in grasshopper, *151-158*
  defects in man, *452*
  rearrangement in mammals, *130-131*
copper deficiency in mouse mutants, *143*

DNA, associated with induction in flax, *339-346*
  hybridisation in cereals, *131*
  indirect damage in *E. coli*, *446*
  of *Rhizobium* bacteroids, *133-134*
DDT resistance in yellow fever mosquitoes, *445*

ecological differentiation in *Daphnia*, *327-337*
  genetics of Blue Grouse, *69-78*
emotional defaecation in inbred mice, *144*
environment, constant and fluctuating, effect of, on selection on *Drosophila*, *293-302*
environmental induction in flax and variable DNA, *339-346*
evolution of allotetraploid *Brassicae*, *61-68*
  sex ratio in man, *265-278*
excision-deficient strains of *E. coli*, daughter-strand gap, filling of, *447-448*
  error-proneness of post replication repair in, *448*

fertility, absence of effect of chiasmata on, *423-429*
  in UV-irradiated *Drosophila* embryos, *141*
flower colour polymorphism, in thistles, *241-256*, *257-263*
fungal fimbriae in *Saccharomyces cerevisiae*, *455*

gene activity, cell cycle controls of, *455-456*
  control of, in *Drosophila*, *142*
gene action in chickens, *203-216*
  expression of, in mouse, *143-144*
  frequency, equilibrium of, *93-97*
gene-protein relationships in viruses, *133*
genetic analysis of *Herpes simplex* virus, *133*
  recombination in *Sordaria*, *454*
genetic change in pasture, effect of human interference on, *450-451*
genetic control of carbohydrate metabolism in *Coprinus lagopos*, *453*
  melanic forms of moths, *145-150*
  mosquitoes, *445*
  pigmentation, *108-112*, *112-115*
genetic damage, sensitivity of systems for assessing, *446-447*
genetic differences in yield capacity in carp, *181-202*
genetic variation, *106-108*
genetics of hypertensive rats, *309-316*
  non-disjunction in *Aspergillus*, *445*
  zinc tolerance in *Agrostis*, *303-308*, *446*
  in *Anthoxanthum*, *446*
genomes, comparison of, from selection lines, *373-387*
genotype × environment interactions, *43-59*
genotypes in *Daphnia*, ecological differences between, *327-337*
  in *Sordaria fimicola*, factors affecting, *454*

heritability, effect of environment on, *106-108*
  of plasma cholesterol, *347-351*
histinaemia in the mouse, *143*
hitch-hiking effect, *130*

hypertension in rats, genetics of, *309-316*

industrial melanism, *450*
insecticide resistance, evolution of, *449-450*
interspecific incompatibility in *Nicotiana*, *279-284*
ionising radiation, use of, to overcome interspecific incompatibility, *279-284*

karyotype of rye, *403-408*

linkage disequilibrium, *229-239*

mating preferences in Arctic Skua, *1-16*
mating system of *Papaver dubium*, *33-41*
mammalian genetics in relation to radiation hazards, *451*
mapping within genes of *Neurospora*, *116-121*
melanism in *Phigalia pilosaria*, *145-150*
metal tolerance, evolutionary lessons of, *450*
mutagenic hot spots, *131*
mutagenicity tests on Chinese hamster cells, *449*
mutant, *contrabithorax* of *Drosophila*, *139*
costal of *Drosophila*, *139*
cycloheximide-resistant, *141*
mutants, auxotrophic, in moss, *135*
defective in Xanthine dehydrogenase 11, *137*
double phenotypes of, *136*
pyrimidine auxotrophs of *Ustilago maydis*, *136*
of *Sordaria brevicollis*, conversion spectrum of, *453-454*
of yeast, *132*
suppressive, of " killer " yeasts, *132*
mutational hazards, *451*
mutation induction systems in cultured Chinese hamster cells, *448-449*
mutations to chloramphenicol resistance in *Aspergillus*, *452*
mitotic recombination in yeast, *447*
modification of position-effect variegation in *Drosophila*, *317-326*

natural selection on snails, *102-106*
nitrogen-fixation genes in bacteria, *134-135*
nuclear DNA in *Brassicae*, *61-68*

1000-compartment fluctuation test, modified method for, *417-419*

pattern formation by *Drosophila* embryos, *138-139*
pigment-controlling genes in *Antirrhinum*, *112-115*
plasma cholesterol, heritability of, in the rabbit, *347-351*
plastid inheritance, control of, in *Pelargonium*, *353-360*
pollination in *Cirsium palustre*, *257-263*
polygenic loci, definition of, *430-437*
in *Drosophila*, *373-387*, *389-401*
polymorphic locus, effect of selection on, *129-130*
Polymorphism in *Cepaea*, *17-31*, *98-101*
Cirsium palustre, *241-256*
Hygromia striolata, *102-105*
proline degradation in *Aspergillus nidulans*, *137*

random mating in *Drosophila* population, *89-93*
populations, linkage disequilibrium in, *229-239*
ribosomal RNA genes of wheat, *131*
rudimentary locus in *Drosophila*, *140*

selection, apostatic, in passerine birds, *361-372*
in Arctic Skua, *1-16*
Blue Grouse, *69-78*
Cepaea, *17-31*
for seed-set intetraploid rye, *455*
non-visual in *Cepaea*, *17-31*
selective migration, model of, *79-86*
self-incompatibility alleles of Brussels sprouts, *159-171*
stabilising selection in different environments, *293-302*
stability of diploid clones of *Dictyostelium discoideum*, *419-423*
performance, *217-228*
stigmas of *Brassica olerachea*, concentration of S-protein in, *412-416*
subthreshold wing vein pattern in *Drosophila*, *389-401*
supernumerary chromosome segments in the grasshopper, *151-158*
chromosomes in *Triticum speltoides*, *173-180*

variation, allozymic, in *Cepaea nemoralis*, *98-101*
in *Papaver dubium*, *33-41*
variegation in *Drosophila*, modification of, *317-326*
variety trials, analysis of, *217-228*

yield capacity in carp, *181-202*

zinc tolerance in *Agrostis*, *303-308*